

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	180	(butt near (connect\$3 or attach\$4 or join\$3)) with (end adj (edge or abut\$4))	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 16:32
L2	81	1 and (slug or rivet or strip)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 16:37
L3	0	2 not 1	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 16:37
L4	99	1 not 2	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 16:37
L14	2721	(butt near (connect\$3 or attach\$4 or join\$3)) with (strips or sheets or work-pieces or work adj pieces)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 17:05

## EAST Search History

L15	1	(butt near (connect\$3 or attach\$4 or join\$3)) with (strips or sheets or work-pieces or work ad pieces) with (dove adj tail or key adj stone)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/04/14 17:08
L16	14171	(butt near (connect\$3 or attach\$4 or join\$3)) with (strips or sheets or work-pieces or work ad pieces) andj (dove adj tail or key adj stone)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/04/14 17:15
L17	12	(butt near (connect\$3 or attach\$4 or join\$3)) with (strips or sheets or work-pieces or work ad pieces) and (dove adj tail or key adj stone)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/04/14 17:27
L18	47	(butt near (connect\$3 or attach\$4 or join\$3)) and (strips or sheets or work-pieces or work ad pieces) and (dove adj tail or key adj stone)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/04/14 18:02
L19	35	18 not 17	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/04/14 17:30
L20	101	(butt with (connect\$3 or attach\$4 or join\$3)) and (strips or sheets or work-pieces or work ad pieces) and (dove adj tail or key adj stone)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/04/14 18:03

## EAST Search History

L21	54	20 not 18	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/04/14 18:03
S1	3223	((29/505) or (29/509) or (29/521)).CCLS.	US-PGPUB ; USPAT	OR	OFF	2005/12/02 17:40
S2	1598	((29/522.1) or (29/525.01) or (29/525.05) or (29/524)). CCLS.	US-PGPUB ; USPAT	OR	OFF	2005/12/02 17:40
S31	4107	(butt adj join\$3) and metal and (sheets or strips or work-pieces)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/02 18:47
S32	310	((butt adj join\$3) and metal and (sheets or strips or work-pieces)).ab.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/02 18:18
S33	1375	((butt adj join\$3) same metal same (sheets or strips or work-pieces))	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/02 18:19
S34	1153	S33 not S32	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/02 18:20

## EAST Search History

S35	236	S34 and (punch\$3 or stamp\$3)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/02 18:28
S36	917	S34 not S35	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/02 18:29
S37	457	S36 and (slots or openings)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/02 18:30
S38	319	S37 and (process or procedure or method)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/02 18:35
S39	138	S37 not S38	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/02 18:37
S40	460	S36 not S37	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/02 18:47

## EAST Search History

S41	27	(butt adj join\$3) and metal and (sheets or strips or work-pieces) and (stamp\$3 or punch\$3) and (holes or slots or openings) and (dovetail or keystone)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 18:50
S42	6	(butt adj join\$3) and metal and (sheets or strips or work-pieces) and (stamp\$3 or punch\$3) and (holes or slots or openings) and slug	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 18:51
S43	377	(butt adj join\$3) and metal and (sheets or strips or work-pieces) and (stamp\$3 or punch\$3) and (holes or slots or openings) and (insert or fastener or connector or dowel or pin)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/04 20:19
S44	275	S43 not S34	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 18:52
S45	593	(butt adj join\$3) and metal and (sheets or strips or work-pieces) and (stamp\$3 or punch\$3) and (holes or slots or openings) and (deform\$3 or attach\$3 or connect\$3)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/04 21:10
S46	0	((butt adj join\$3) and metal and (sheets or strips or work-pieces) and (stamp\$3 or punch\$3) and (holes or slots or openings) and (deform\$3 or attach\$3 or connect\$3)).ab.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/04 20:21

## EAST Search History

S47	54	((butt adj join\$3) same metal same (sheets or strips or work-pieces) same (stamp\$3 or punch\$3) same (holes or slots or openings) same (deform\$3 or attach\$3 or connect\$3))	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/04 20:24
S48	264	((butt adj join\$3) same metal) and (sheets or strips or work-pieces) and (stamp\$3 or punch\$3) and (holes or slots or openings) and (deform\$3 or attach\$3 or connect\$3)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/04 20:25
S49	210	S48 not S47	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/04 20:25
S50	2061	(butt adj join\$3).ti.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/04 21:14
S51	4	S45 and S50	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/04 21:11
S52	28	(butt adj join\$3).ab. and S45	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/04 22:13

## EAST Search History

S53	26	S52 not S51	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/04 21:15
S54	0	(butt adj (connec\$4 or attach\$4)).ab. and S45	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/04 21:18
S55	5	(butt adj (connec\$4 or attach\$4)) and S45	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/04 21:32
S56	12	(butt near (connec\$4 or attach\$4)) and S45	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/04 21:34
S57	139	(butt with (connec\$4 or attach\$4)) and S45	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/04 21:59
S58	338	(butt same (connec\$4 or attach\$4)) and S45	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/04 21:59

## EAST Search History

S59	153	S58 not S48	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/04 21:59
S60	87	S59 not S57	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/04 22:00
S61	2708	(butt adj join\$3).ab. and (end near to end)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/04 22:13
S62	1	(butt adj join\$3).ab..and (end near to near end)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/04 22:14
S63	1	(butt adj join\$3) and (end near to near end)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/04 22:14
S64	1	(butt near (connect\$3 or attach\$4 or join\$3)) and (end near to near end)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/04 22:15

## EAST Search History

S65	1	(butt near (connect\$3 or attach\$4 or join\$3)) and (end with to with end)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/04 22:15
S66	14205	(butt near (connect\$3 or attach\$4 or join\$3)) and (end x(S45) to x(S45) end)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/04 22:16
S67	1344	(butt near (connect\$3 or attach\$4 or join\$3)) and (end near end)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/04/14 16:52
S68	1880	(butt near (connect\$3 or attach\$4 or join\$3)) and (end near (edge or abut\$4))	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/04 22:19
S69	1138	(butt near (connect\$3 or attach\$4 or join\$3)) and (end adj (edge or abut\$4))	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/04/14 16:25
S70	550	S69 and metal and (slots or openings or holes or recesses)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/12/04 22:20

## EAST Search History

S71	543	S70 and (strip or sheet or work-piece or plate or component or part)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/04 22:21
S72	441	S71 and abut\$4	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/04 22:22

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L25	1	((metal adj strips) and (punch\$3 or stamp\$3 or die) and (rectangular near (slots or holes openings or apertures)) and (slug or rivet) and abut\$4). clm.	US-PGPUB	OR	ON	2006/04/14 18:16
L26	1	((sheets or strips or work adj pieces) and (punch\$3 or stamp\$3 or die) and (rectangular near (slots or holes openings or apertures)) and (slug or rivet) and abut\$4). clm.	US-PGPUB	OR	ON	2006/04/14 18:16

Interference Search

SC

4/14/06